



ENVIRONMENTAL CONSULTANTS

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**Crawford Station MGP Site  
Chicago, Illinois**

**Weekly Field Progress Report**

Report Date: March 29, 2012

Prepared By: Natural Resource Technology, Inc. (NRT)  
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Submitted To: Integrys Business Support, LLC (IBS)  
Naren M. Prasad, PE

Activity Period: March 18, 2012 through March 24, 2012

The following summarizes the environmental field activities performed by NRT on behalf of IBS at the former Crawford Station MGP site Time Critical Removal Action (AOC V-W-11-C-981):

<b>Task</b>	<b>Environmental Activities</b>
General Description of Work Performed:	<p>The following activities were conducted:</p> <ul style="list-style-type: none"><li>• Areas I, L, M, and N are being excavated to between five and eight feet bgs to allow for installation of bracing wall for the sheetpile wall.</li><li>• Areas O, P, Q, and R are being backfilled with crushed limestone as well as clean overburden from Area I.</li><li>• Excavated soils were loaded and transported to Waste Managements' Laraway Road RDF landfill for disposal.</li><li>• NRT conducted air monitoring activities including DustTraks, SUMMAs, and PIDs. Additionally, no odor/dust issues were noted at the perimeter of the site.</li><li>• Utilized GPS to locate pertinent items and features.</li><li>• Wastewater is being treated on-site and discharged into the City of Chicago sewer.</li></ul>
Sampling Activities Performed:	<p>NRT conducted the following sampling activities:</p> <ul style="list-style-type: none"><li>• DustTraks collected data each day and data has been downloaded for analysis.</li><li>• Three SUMMA canisters were deployed on March 21, 2012 and sent to TestAmerica Laboratory for analysis for BTEX and Naphthalene.</li></ul>

<b>Task</b>	<b>Environmental Activities</b>
NRT Field Personnel:	Timothy B. Norris, PG, Ronald J. Horan
Equipment Deployed:	SUMMA Canisters DustTraks PIDs
Field Photos:	See attached sheets.

Water is being pumped from the excavation and sent through the Water Treatment System and discharged into the City of Chicago sewer for discharge into the MWRD system. Monitoring of effluent discharge was conducted on March 20, 2012.

Work planned for the coming week, March 25, 2012 through March 31, 2012, is as follows:

- Excavate Areas A, B, and C, and conduct appropriate post-excavation soil sampling. Soil samples will be analyzed for TPH DRO, TPH GRO, site-specific PAHs, PVOCs, site-specific metals, site-specific phenols, and cyanide.
- Complete the northern portion sheet pile stabilization wall parallel to sheetpile wall.
- Conduct Full Scale Air monitoring consisting of one 12-hour SUMMA can sampling event per week. The days of the 12-hour sampling will be determined to coincide with excavation activities.
- Receive and review post-excavation confirmation and air sampling from TestAmerica

A weekly field progress report will continued to be issued throughout the duration of field activities for this Time Critical Removal Action. A written report summarizing the results and findings of the Removal Action will be provided following completion of all field activities.

A summary of the construction activities as detailed by the Construction Manager have been included with this report as Attachment 1.

Please feel free to contact us if you have any questions.

Sincerely,

NATURAL RESOURCE TECHNOLOGY, INC.



Timothy B. Norris, PG  
Geologist

Attachment 1: Burns and McDonnell Construction Management Report

### Field Photos:



Photo 1: View of whaler being installed on sheetpile support wall.

Direction: Facing north.

Photo Date: 3/20/2012

Photo Taken By: RJH



Photo 2: Areas L/M/N being excavated.

Direction: Facing southwest.

Photo Date: 3/20/2012

Photo Taken By: RJH



Photo 3: View of Area L/M/N being excavated

Direction: Facing north.

Photo Date: 3/21/2012

Photo Taken By: RJH

**Field Photos (continued):**



Photo 4: View of the exposed sheetpile wall.

Direction: Facing northwest.

Photo Date: 3/21/2012

Photo Taken By: RJH



Photo 5: View of a truck being loaded for transport to landfill.

Direction: Facing north.

Photo Date: 3/21/2012

Photo Taken By: TBN



Photo 6: Stockpile and bracing installation activities.

Direction: Facing southwest.

Photo Date: 3/21/2012

Photo Taken By: TBN



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Downers Grove, Illinois 60515

Week of: 3/18/12 to 3/24/12

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**Subject: Site Remediation – Construction Management  
Peoples Gas – Former Crawford Station**

**Burns & McDonnell Personnel Onsite**

Site Construction Manager

- Bal Berena

Site Remediation Supervisor

- Bernard Gill

Construction Manager

- Dave D'Armond

Project Manager

- Mike Swieca

Others

- Chance Duensing (BMCD)

**Integrus Peoples Gas Personnel Onsite**

- Naren Prasad
- Steve Griffin
- Chris Szela

**Subcontractors Onsite**

- Tecnica Environmental Services
- Thatcher Foundations
- Helm Electrical Services
- Great Lakes Soil

Others

- Natural Resource Technology (NRT)
- Waste Management (Steve Jiskra)

**Miscellaneous Visitors**

- None

**Site Activities**

**BURNS & MCDONNELL**

- Managed site activities with Tecnica Environmental, Thatcher, and other subcontractors on site;
- Escorted PGL personnel on site visits;
- Issued trucking tracking forms for all excavated soils from Areas L, M, N, and AA;
- Tracked 37 loads for Biopile soils and 170 loads for Direct Disposal at Laraway Landfill;
- Received no loads of wood chips for odor control and moisture containment;
- Received 324 loads of CA-6 for backfill areas O, Q, P, and R;
- Pumped and discharged 54,767 gallons of treated excavation water to MWRD;
- Participated in daily subcontractor pre-task analysis safety meetings on site;
- Conducted periodic health and safety air monitoring in excavation area;
- Held the weekly site construction meeting with Supervisors of Subcontractors, Waste Management;



- Monitored site conditions for traffic, dust, odor and overall safety; and
- Conducted monthly safety audit.

#### **TECNICA ENVIRONMENTAL SERVICES**

- Loaded out soils from Areas L, M, N and I;
- Controlled odors through foaming and wood chips use;
- Tecnica continued breaking concrete generated from Area L, M, and N;
- Actively suppressed dust on site through watering and haul road maintenance;
- Operated and maintained truck scale;
- Assisted BMcD in water treatment system operation and maintenance;
- Continuously monitored site fencing, silt fence, and erosion control materials;
- Assisted Thatcher in placing struts in north half of site; and
- Started backfill areas O, Q, P and R.

#### **THATCHER FOUNDATIONS**

- Completed installing walers in north half of site anchor wall; and
- Started installing struts in north half of site.

#### **HELM ELECTRICAL SERVICES**

- Added transformer and set up 480V service connections for the two trailers and storage units.

#### **GREAT LAKES SOIL**

- Performed compaction testing on one foot lifts of CA-6 during backfill of Areas O, Q, P and R.

#### **Changes to Scope of Work**

- None.

#### **Open/Outstanding Items**

- None.

#### **Anticipated Activities for the Week of March 25, 2012**

- Start to excavate and load soils for disposal from Areas R, AA and cofferdam;
- Thatcher will continue to install bracing on north half of sheeting;
- Expose top of Chicago Sanitary Sewer line to prepare for Area AA excavation;
- Resume backfill in Areas O, P, Q and R; and
- Reestablish haul road south of amendment pad.



**Crawford Station Site:**

**Remediation**

Date: March 16, 2012

Description: Looking south along north bracing wall walers having final welding and shims installed.



**Crawford Station Site:**

**Remediation**

Date: March 19, 2012

Description: Significant amount of debris found in southwest corner of sheeting area in L, M, and N are shown here. Little usable overburden backfill material is available in most of this area.



**Crawford Station Site:**

**Remediation**

Date: March 20, 2012

Description: The south sheeting wall is shown with partial excavation to bracing depth, looking east.



**Crawford Station Site:**

**Remediation**

Date: March 20, 2012

Description: Clean concrete found in excavating the southwest corner of the excavation area is being broken up and sorted to be used as backfill material. View is to west.





**Crawford Station Site:**

**Remediation**

Date: March 22, 2012

Description: The first four rakers installed for bracing the sheeting wall during excavation to final depths. Looking northwest.



**Crawford Station Site:**

**Remediation**

Date: March 22, 2012

Description: View to northwest of backfill nearing completion in Areas O, P, Q, and R. Stone is placed in 1-foot lifts, compacted, and some lifts tested for compaction.